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1.0 GENERAL

1.1 **SUMMARY**

This document provides instruction for navigating through the Removable Media Manager ISPF user panel.

2.0 PROCEDURE

2.1 *Navigating the Removable Media Manager*

From the ISPF primary option menu, select either option 12.4 (if available), or H.RMM (on the Vacaville system), or A.RMM (on the Gold Camp systems). You may also access RMM through TSO, using CLIST: RMMISPF.

```
Menu Utilities Compilers Options Status Help
ISPF Primary Option Menu
Option ==> TSO RMMISPF_
0 Settings      Terminal and user parameters      User ID . . : DCEZ30
1 View          Display source data or listings      Time. . . . : 13:44
2 Edit          Create or change source data    Terminal. . : 3278
3 Utilities      Perform utility functions          Screen. . . : 1
4 Foreground     Interactive language processing      Language. . : ENGLISH
5 Batch          Submit job for language processing      Appl ID . . : ISR
6 Command        Enter TSO or Workstation commands      TSO logon . : IDCAMS
7 Dialog Test     Perform dialog testing          TSO prefix: DCEZ30
9 IBM Products    IBM program development products      System ID . : SY5
10 SCLM           SW Configuration Library Manager      MVS acct. . : NB239P,0
11 Workplace      ISPF Object/Action Workplace          Release . . : ISPF 6.3
12 z/OS User      z/OS user applications
A Applications     Additional ISPF Applications

Enter X to Terminate using log/list defaults
```

From this panel, select option 1 to display the USER panel.

```
Panel Help
REMOVABLE MEDIA MANAGER (DFSMSrmm) - z/OS V1R13
Option ==> 1_
0 OPTIONS        - Specify dialog options and defaults
1 USER           - General user facilities
2 LIBRARIAN      - Librarian functions
3 ADMINISTRATOR  - Administrator functions
4 SUPPORT        - System support facilities
5 COMMANDS       - Full DFSMSrmm structured dialog
6 LOCAL         - Installation defined dialog
X EXIT          - Exit DFSMSrmm Dialog

Enter selected option or END command. For more info., enter HELP or PF1.
```

Press ENTER and you will be presented with the following panel:

```
Panel  Help
-----
                                DFSMSrmm User Menu - z/OS V1R13

Option ==> _

0  OPTIONS      - Specify dialog options and defaults
1  VOLUME       - Display list of volumes
2  DATA SET    - Display list of data sets
3  PRODUCTS    - Display list of products
4  OWNER        - Display or change owner information
5  REQUEST      - Request a new volume
6  RELEASE      - Release an owned volume
R  REPORT       - Work with reports

Enter selected option or END command. For more info., enter HELP or PF1.

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```

From this panel, you may select option 1 for VOLUME, or option 2 for DATA SET.

```
Panel  Help
-----
DFSMSrmm User Menu - z/OS V1R13

Option == 1_

0  OPTIONS      - Specify dialog options and defaults
1  VOLUME       - Display list of volumes
2  DATA SET    - Display list of data sets
3  PRODUCTS     - Display list of products
4  OWNER        - Display or change owner information
5  REQUEST      - Request a new volume
6  RELEASE      - Release an owned volume
R  REPORT       - Work with reports

Enter selected option or END command. For more info., enter HELP or PF1.

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```

Selecting 1 and pressing ENTER will result in the following screen being presented.

```

Panel  Help  Scroll
-----
                                DFSMSrmm Volume Search

Command ==>

Volume . . . . . May be generic. Leave blank for all volumes
Owner . . . . . Owned by a specific user. Default is your userid
Job name . . . . May be generic
Limit . . . . . * Limit search to first nnnn volumes
Media name . . . Limit to a single media name
Vendor . . . . . Supplier of media
Pool prefix . . . or to a particular pool
Status . . . . .

                                Select volume status. Default is ALL
Dates          Start          End          Date, date range or relative value
Assigned . . . . .
Expiration . . . . .
Create . . . . .
Reference . . . . .
Read . . . . .
    
```

Key in the volume serial number of the desired volume. Also, key in an asterisk (*) in the OWNER field, if you are not the owner of the volume.

```

Panel  Help  Scroll
-----
DFSMSrmm Volume Search

Command ==>

Volume . . . . 006900 May be generic. Leave blank for all volumes
Owner . . . . * Owned by a specific user. Default is your userid
Job name . . . . May be generic
Limit . . . . * Limit search to first nnnn volumes
Media name . . . . Limit to a single media name
Vendor . . . . Supplier of media
Pool prefix . . . . or to a particular pool
Status . . . .

Select volume status. Default is ALL

Dates          Start          End          Date, date range or relative value
Assigned . . . . .
Expiration . . . . .
Create . . . . .
Reference . . . . .
Read . . . . .

Enter HELP or PF1 for the list of available line commands
Enter SCROLL commands for more search values, ENTER to SEARCH or END to CANCEL
    
```

Press ENTER and you will be presented with the following screen:

```

Panel  Help  Scroll
-----
DFSMSrmm Volumes (Page 1 of 2)
Command ==> _
Row 1 to 1 of 1
Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns
    
```

Volume S serial	Owner	Assigned date	Expir./ Retn. date	S R Status	Dest- Location	Tr- ination	Data ans sets
006900	SY\$SYS3	2012/332	2012/346	VRS	TDCV TSA	N	2

From this screen, key in an S in the field preceding the volume serial number to further select the volume information. This will display the data set(s) on the volume.

Panel Help Scroll

DFSMSrmm Volumes (Page 1 of 2)

Row 1 to 1 of 1

Command ==>

Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns

S	Volume serial	Owner	Assigned date	Expir./ Retn. date	S R Status	Location	Dest- ination	Tr- ans	Data sets
S	006900	SY\$SYS3	2012/332	2012/346	VRS	TDCVTSA		N	2

Press ENTER and you will be presented with the following screen:

Panel Help Scroll

DFSMSrmm Data Sets (Page 1 of 2)

Row 1 to 2 of 2

Command ==> _

Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns

S	Data set name	Volume serial	Owner	File seq
	MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265	006900	SY\$SYS3	1
	MVPMQ.MVCA.CSQARC1.E12332.T1332467.A0037265	006900	SY\$SYS3	2

Key an S in the field preceding the data set name to obtain further information about the data set.

```

Panel  Help  Scroll
-----
DFSMSrmm Data Sets (Page 1 of 2)                               Row 1 to 2 of 2
Command ==>                                                    Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns

S Data set name                                         Volume      File
----- serial Owner      seq
-----
s MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265  006900 SY$SYS3  1
MVPMQ.MVCA.CSQARC1.E12332.T1332467.A0037265  006900 SY$SYS3  2
  
```

Press ENTER and you will be presented with the following screen:

```

Panel  Help
-----
DFSMSrmm Data Set Details                                     Multi-File
Command ==> _

Data set name . . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . . : 006900      Physical file sequence number . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . : 1
                                           More: +

Job name . . . . . : MVCAMSTR
Step name . . . . . : MQSUBSYS      Record format . . . . . : VB
Program name . . . : CSQYASCP      Block size . . . . . : 28672
DD name . . . . . : SYS00106      Logical record length : 4093
Create date . . . . : 2012/332      YYYY/DDD      Block count . . . . . : 13
Create time . . . . : 13:32:47      Data set size (KB) . . : 364
System id . . . . . : SY4P      Physical size (KB) . . : 368
                                           Compression . . . . . : 0.99
                                           Total block count . . . : 13
Expiration date . . : 2012/346      YYYY/DDD      Percent of volume . . : 0
Set by . . . . . : OCE_JFCB      Device number . . . . : F002
Original . . . . . : 2012/346      YYYY/DDD

Last job name . . . : MVCAMSTR      Last DD name . . . . : SYS00106
Last step name . . : MQSUBSYS      Last device number . . : F002
  
```

Using the scroll down function key (normally F8), two additional screens of information are available.

```

Panel  Help
-----
                                DFSMSrmm Data Set Details

Command ==> _

Data set name . . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . . : 006900      Physical file sequence number . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . : 1
                                           More:      - +
Last step name . . : MQSUBSYS      Last device number . . : F002
Last program name : CSQYASCP
Date last read . . : 2012/332      VRS management value :
Date last written : 2012/332      Management class . . :
                                           Data class . . . . : DCVTS2
VRSEL exclude . . : NO            Storage class . . . . : SCVTSSTD
Retention date . . : 2012/346      Storage group . . . . : SGVTSA
VRS retained . . . : YES

Security name . . . :              BES key index . . . . : 0
Classification . . :

Primary VRS details: (Use MATCHVRS primary command to display matching VRses)
VRS name . . . . : **
Job name . . . . :              VRS type . . . . . : DATASET
  
```

```
Panel  Help
-----
                                DFSMSrmm Data Set Details

Command ==> _

Data set name . . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . . : 006900      Physical file sequence number . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . : 1
                                           More: -
Job name . . . . :                VRS type . . . . . : DATASET
Subchain name :                Subchain start date :

Secondary VRS details:
Value or class :
Job name . . . . :
Subchain name :                Subchain start date :

Catalog status . . : YES
Closed by Abend . . : NO      Deleted . . . . . : NO

Last Change information:
Date . . . . . : 2012/333      Time . . : 01:05:03      System : SY5P
User change date :                Time . . :                User ID : *HKP
```

Select 2 for DATA SET on the USER panel to display information by data set name.

```
Panel  Help
-----
                                DFSMSrmm User Menu - z/OS V1R13

Option ==> 2_

0  OPTIONS      - Specify dialog options and defaults
1  VOLUME       - Display list of volumes
2  DATA SET    - Display list of data sets
3  PRODUCTS     - Display list of products
4  OWNER        - Display or change owner information
5  REQUEST      - Request a new volume
6  RELEASE      - Release an owned volume
R  REPORT       - Work with reports

Enter selected option or END command. For more info., enter HELP or PF1.
```

Press ENTER and you will be presented with the following screen:

```

Panel  Help
-----
                                DFSMSrmm Data Set Search

Command ==>

Enter fully qualified or partial data set name and job name:

Data set name . . . . .
Job name . . . . .          Specific or generic name

Enter optional parameters to qualify search

Owner . . . . . -          Owner of volumes (Default is your userid)
Volume serial . . . . .   OR Volume serial
List entire set . . . . . YES, For all data sets in the
                           multi-volume set, otherwise NO
Status . . . . .          PRIVATE, SCRATCH, or blank for all
Retained by VRS . . . . . YES, NO, or blank for all
Excluded from VRSEL . . . YES, NO, or blank for all
Dates          Start      End      Date, date range or relative value
  Create . . . . .
  Expiration . . . . .
    
```

Key in the data set name, making sure to follow normal IBM search rules. For example, be sure to enclose the data set name in single quotes, if the High Level Qualifier is not your logonid. Also, IBM wild-carding can be used to replace portions of the name, with a single asterisk used to replace a qualifier, a per cent sign used to replace a digit, two asterisks to indicate the remaining portion of the name, etc.

Here is an example of wild-carding which will result in the same data set being displayed:

- 'MVPMQ.MVCA.CSQARC1.*.T1332467.B0037265'
- 'MVPMQ.MVC%.CSQARC1.E12332. T1332467.B0037265'
- 'MVPMQ.MVCA.CSQARC1.E12332. T1332467.**'

Once again, be sure to key an asterisk in the OWNER field, if you are not the owner of the volume.

```

Panel Help
DFSMSrmm Data Set Search

Command ==>

Enter fully qualified or partial data set name and job name:

Data set name . . . . 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Job name . . . . . _ Specific or generic name

Enter optional parameters to qualify search

Owner . . . . . * Owner of volumes (Default is your userid)
Volume serial . . . . OR Volume serial
List entire set . . . YES, For all data sets in the
                        multi-volume set, otherwise NO
Status . . . . . PRIVATE, SCRATCH, or blank for all
Retained by VRS . . . YES, NO, or blank for all
Excluded from VRSEL YES, NO, or blank for all
Dates          Start      End      Date, date range or relative value
  Create . . . . .
  Expiration . . . . .
    
```

Press ENTER and you will be presented with the following screen:

```

Panel Help Scroll
DFSMSrmm Data Sets (Page 1 of 2) Row 1 to 1 of 1
Command ==> _ Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns

S Data set name          Volume      File
                                serial Owner    seq
-----
MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265 006900 SY$SYS3 1
    
```

Key an S in the field preceding the data set name to obtain further information about the data set.

```

Panel  Help  Scroll
-----
DFSMSrmm Data Sets (Page 1 of 2)                      Row 1 to 1 of 1
Command ==>                                           Scroll ==> PAGE

Enter HELP or PF1 for the list of available line commands
Use the RIGHT command to view other data columns

S  Data set name                                Volume      File
-----
-- -----
S  MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265  006900 SY$SYS3  1
    
```

Press ENTER and you will be presented with the following screen:

```

Panel  Help
-----
DFSMSrmm Data Set Details                               Multi-File
Command ==> _

Data set name . . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . . : 006900      Physical file sequence number . . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . . : 1
                                           More:      +

Job name . . . . . : MVCAMSTR
Step name . . . . . : MQSUBSYS      Record format . . . . . : VB
Program name . . . : CSQYASCP      Block size . . . . . : 28672
DD name . . . . . : SYS00106      Logical record length : 4093
Create date . . . . : 2012/332    YYYY/DDD  Block count . . . . . : 13
Create time . . . . : 13:32:47      Data set size (KB) . . : 364
System id . . . . . : SY4P          Physical size (KB) . . : 368
                                           Compression . . . . . : 0.99
                                           Total block count . . . : 13
Expiration date . . : 2012/346    YYYY/DDD  Percent of volume . . . : 0
Set by . . . . . : OCE_JFCB      Device number . . . . . : F002
Original . . . . . : 2012/346    YYYY/DDD

Last job name . . . : MVCAMSTR      Last DD name . . . . . : SYS00106
Last step name . . : MQSUBSYS      Last device number . . : F002
    
```

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NAVIGATING THE REMOVABLE MEDIA MANAGER PROCEDURE

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Using the scroll down function key (normally F8), two additional screens of information are available.

```
Panel  Help
-----
DFSMSrmm Data Set Details

Command ==> _

Data set name . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . : 006900      Physical file sequence number . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . : 1
                                           More:  -  +
Last step name . . : MQSUBSYS      Last device number . . : F002
Last program name : CSQYASCP
Date last read . . : 2012/332      VRS management value :
Date last written : 2012/332      Management class . . :
                                           Data class . . . . . : DCVTS2
VRSEL exclude . . : NO            Storage class . . . . : SCVTSSTD
Retention date . . : 2012/346      Storage group . . . . : SGVTSA
VRS retained . . : YES

Security name . . :                BES key index . . . . : 0
Classification . . :

Primary VRS details: (Use MATCHVRS primary command to display matching VRSes)
VRS name . . . . : **
Job name . . . . :                VRS type . . . . . : DATASET
```

```
Panel Help
-----
DFSMSrmm Data Set Details

Command ==> _

Data set name . . . : 'MVPMQ.MVCA.CSQARC1.E12332.T1332467.B0037265'
Volume serial . . . : 006900      Physical file sequence number . . . : 1
Owner . . . . . : SY$SYS3      Data set sequence number . . . . . : 1
                                           More: -
Job name . . . . :                VRS type . . . . . : DATASET
Subchain name :                Subchain start date :

Secondary VRS details:
Value or class :
Job name . . . . :
Subchain name :                Subchain start date :

Catalog status . . : YES
Closed by Abend . . : NO      Deleted . . . . . : NO

Last Change information:
Date . . . . . : 2012/333      Time . . : 01:05:03      System : SY5P
User change date :                Time . . :                User ID : *HKP
```